



REC 15-395

Knollwood Energy of MA LLC
P.O. Box 30
Chester, New Jersey 07930

September 17, 2015

NHPUC 21SEP15-08:45

Debra A. Howland
Executive Director
New Hampshire Public Utilities Commission
21 South Fruit Street, Suite 10
Concord, NH 03301-2429

Dear Ms Howland,

Enclosed please find the application for the Highland Hardwoods 2 system to be part of the Knollwood Energy of MA LLC (NH-II-13-089) Class II Photovoltaic aggregation for New Hampshire Renewable Energy Certificates (RECs) generated from customer-sited sources, pursuant to New Hampshire Code of Administrative Rules Puc 2506.

Customer and Facility Information

Family First of Brentwood NH/Highland Hardwoods 2
409 Rte 125
Brentwood, NH 03833

Mailing Address:

c/o Anne Holliday
222 International Dr. Suite 160
Portsmouth, NH 03801
anne@annehollidaycpa.com
603-431-3322

The new Nepool GIS ID # for this facility is: NON 54553. Also enclosed are the Simplified Process Interconnection Application and Service Agreement, Certificate of Completion and NH Owner Statements. An electronic version has been sent to executive.director@puc.nh.gov.

Please do not hesitate to contact me if you have any questions regarding this application.

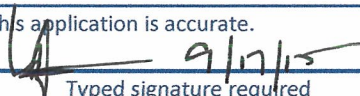
Thank you for your consideration,

Linda Modica
New England REC Operations Manager
Knollwood Energy of MA LLC
973.879.7826
linda@knollwoodenergy.com

Enclosures (3)

Knollwood Energy - Your best resource for selling and buying solar renewable energy credits

New Hampshire Public Utilities Commission		This section for PUC use only:			
		REC#			
Draft Class I or II REC Eligibility Application For Solar Customer-Sited Sources 100 Kilowatts Or Less					
1. Class I <input type="checkbox"/>	Class II <input checked="" type="checkbox"/>	GIS Facility Code	NON 54553	2. This facility is part of an aggregation.	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>
		<i>GIS contact info is provided below</i>			
3. If yes to #2., the facility is part of the Knollwood Energy of MA LLC aggregation.					
<i>To qualify as a REC eligible facility, PUC 2505.02 (b) requires the source to provide the following information:</i>					
Contact Information					
	Name	Address	City	State	ZIP
Facility Owner	Family First of Brentwood NH	409 Rte 125	Brentwood	NH	03833
Phone 1	603-431-3322	Phone 2		Email	anne@annehollidaycpa.com
Facility Location	<i>(If facility is named)</i> Highlands Hardwoods 2		<i>(if different than owner address)</i>		
Mailing Address	<i>(if different than owner address and/or facility location)</i> Anne Holliday, CPA		222 International Dr. Suite 160	Portsmouth	NH 03801
Application filed by:					
Business Name	Knollwood Energy of MA LLC	PO Box 30	Chester	NJ	07930
Contact	Linda Modica				
Phone 1	908-879-7826	Phone 2		Email	linda@knollwoodenergy.com
Facility Operator	<i>(complete only if a separate operator manages the facility)</i>				
Phone 1		Phone 2		Email	
Installer Company	Seacoast Energy	290 Scruton Pond Road	Barrington	NH	03825
Installer Contact	Jack Bingham				
Phone 1	603-973-9798	Phone 2		Email	jack@seacoastenergy.com
Electrician	Ayer Electric	P.O Box 874	Durham	NH	03824
Phone 1		License #	9340M	Email	ayerelectricllc@metrocast.net
Equipment Vendor	<i>(If not provided through the installer)</i>				
Phone 1		Phone 2		Email	
Independent Monitor (IM) Name	Paul Button			<i>To obtain a GIS Facility Code contact James Webb, Registry Administrator 408.517.2174, jwebb@apx.com</i>	
IM Company Name	EAU-NH				
Equipment Information					
	Manufacturer	Quantity	Model # (if available)	Rated Output/unit	Total Rated Capacity
Panels	Astronergy	330	CHSM6610-PR 256	0.256	84.2 (DC)
Inverter(s)	SolarEdge	4	SE20.US 481	20.0	80.0 (AC)
Meter	Hialeah	KV2CE FM 16S 200A-480V	Utility Project ID #	Initial date of operation	<i>(mm/dd/year)</i> 7/10/15
To be completed by the owner. Aggregators may include the owner sign-off via email or letter.					
<input checked="" type="checkbox"/> I agree	The information provided on this application for New Hampshire Renewable Energy Certificate eligibility is accurate.				
The project described in this application will meet the metering requirements of Puc 2506 including:					
<input checked="" type="checkbox"/> I agree	Electricity generation in megawatt hours shall be reported to the GIS quarterly with a statement that the submission is accurate by the owner of the source, the IM, or a designated representative.				
<input checked="" type="checkbox"/> I agree	A revenue quality meter is used to measure the electricity generated.				
<input checked="" type="checkbox"/> I agree	The facility owner has certified to the IM that the meter operates according to manufacturing standards.				
<input checked="" type="checkbox"/> I agree	The meter shall be maintained according to the manufacturer's recommendations.				

<input type="checkbox"/>	
I agree	The project is installed and operating in conformance with applicable building codes.
<input type="checkbox"/>	
included	A copy of the facility's interconnection agreement is attached.
X	
The Undersigned declares under penalty of perjury that the information provided on this application is accurate.	
<div style="text-align: right;">/  9/17/15 /</div> <div style="text-align: right;">Typed signature required</div>	
Contact Barbara Bernstein at Barbara.bernstein@puc.nh.gov or 603-271-6011 with questions and comments.	

New Hampshire PUC REC Certification Application Owner Statements

The information provided on this application for New Hampshire Renewable Energy Certificate eligibility is accurate to the best of my knowledge and I authorize Knollwood Energy to act on my behalf in filing said application.

The project described in this application will meet the metering requirements of PUC 2506 including:

AEH
AEH

Electricity generation in megawatt hours shall be reported to the GIS quarterly with a statement that the submission is accurate by the owner of the source, the independent monitor, or a designated representative.

AEH
AEH

A revenue quality meter is used to measure the electricity generated.

AEH
AEH

The facility owner has certified to the independent monitor that the meter operates according to manufacturing standards.

AEH
AEH

The meter shall be maintained according to the manufacturer's recommendations.

AEH
AEH

The project is installed and operating in conformance with applicable building codes.

AEH
AEH

A copy of the facility's interconnection agreement is attached.

Anne Holliday

Printed Name of signature owner

Anne Holliday
Anne Holliday (Sep 11, 2015)

Signature of system owner

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
INTERCONNECTION STANDARDS FOR INVERTERS
SIZED UP TO 100 KVA

Simplified Process Interconnection Application and Service Agreement

PSNH Application Project ID#: _____

Contact Information:

Legal Name and Address of Interconnecting Customer (or, Company name, if appropriate)

Customer or Company Name (print): Family First of Brentwood NH

Contact Person, if Company: Anne Holliday

Mailing Address: P.O. Box 717

City: Kingston State: NH Zip Code: 03848

Telephone (Daytime): 603-431-3322 (Evening): _____

Facsimile Number: _____ E-Mail Address: anne@annehollidaycpa.com

Alternative Contact Information (e.g., System installation contractor or coordinating company, if appropriate):

Name: Jack Bingham Seacoast Energy Alternatives

Mailing Address: P.O. Box 738

City: Barrington State: NH Zip Code: 03825

Telephone (Daytime): 603-973-9798 (Evening): _____

Facsimile Number: _____ E-Mail Address: jack@seacoastenergy.com

Electrical Contractor Contact Information (if appropriate):

Name: David Ayer Ayer Electric

Mailing Address: P.O. Box 874

City: Durham State: NH Zip Code: 03824

Telephone (Daytime): 603-868-6446 (Evening): _____

Facsimile Number: _____ E-Mail Address: ayerelectricllc@metrocast.net

Facility Site Information:

Facility (Site) Address: Highland Hardwoods 407 Route 125

City: Brentwood State: NH Zip Code: 03833

Electric

Service Company: PSNH Account Number: 892111009 Meter Number: 41509072

Account and Meter Number: Please consult an actual PSNH electric bill and enter the correct Account Number and Meter Number on this application. If the facility is to be installed in a new location, please provide the PSNH Work Request number.

PSNH Work Request # _____

Non-Default Service Customers Only:

Competitive Electric

Energy Supply Company: _____ Account Number: _____

(Customer's with a Competitive Energy Supply Company should verify the Terms & Conditions of their contract with their Energy Supply Company.)

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
INTERCONNECTION STANDARDS FOR INVERTERS
SIZED UP TO 100 KVA

Simplified Process Interconnection Application and Service Agreement

Facility Machine Information:

Generator/ Inverter Manufacturer: SolarEdge Model Name & Number: SE8KUS SE11400-US Quantity: 6
Nameplate Rating: 17000 (kW) 240 (kVA) 240 (AC Volts) Phase: Single ☒ Three ☒
Nameplate Rating: The AC Nameplate rating of the individual inverter.
System Design Capacity: 84.15 (kW) 68.4 (kVA) Battery Backup: Yes ☐ No ☐
System Design Capacity: The system total of the inverter AC ratings. If there are multiple inverters installed in the system, this is the sum of the AC nameplate ratings of all inverters.
Net Metering: If Renewably Fueled, will the account be Net Metered? Yes ☐ No ☐
Prime Mover: Photovoltaic ☒ Reciprocating Engine ☐ Fuel Cell ☐ Turbine ☐ Other _____
Energy Source: Solar ☒ Wind ☐ Hydro ☐ Diesel ☐ Natural Gas ☐ Fuel Oil ☐ Other _____

Inverter-based Generating Facilities:

UL 1741 / IEEE 1547.1 Compliant (Refer To Part Puc 906 Compliance Path For Inverter Units, Part Puc 906.01 Inverter Requirements)
Yes ☒ No ☐

The standard UL 1741.1 dated May, 2007 or later, "Inverters, Converters, and Controllers for Use With Independent Power Systems," addresses the electrical interconnection design of various forms of generating equipment. Many manufacturers choose to submit their equipment to a Nationally Recognized Testing Laboratory (NRTL) that verifies compliance with UL 1741.1. This term "Listed" is then marked on the equipment and supporting documentation. *Please include, any documentation provided by the inverter manufacturer describing the inverter's UL 1741/IEEE 1547.1 listing.*

External Manual Disconnect Switch:

An External Manual Disconnect Switch shall be installed in accordance with 'Part Puc 905 Technical Requirements For Interconnections For Facilities, Puc 905.01 Requirements For Disconnect Switches and 905.02 Disconnect Switch.'

Yes ☒ No ☐

Location of External Manual Disconnect Switch: _____

Project Estimated Install Date: 3/15/15

Project Estimated In-Service Date: 5/01/15

Interconnecting Customer Signature:

I hereby certify that, to the best of my knowledge, all of the information provided in this application is true and I agree to the **Terms and Conditions for Simplified Process Interconnections** attached hereto:

Customer Signature: Richard A. Poirer Title: Manager, Meter Date: 12/7/14

Please include a one-line and/or three-line diagram of proposed installation. Diagram must indicate the generator connection point in relation to the customer service panel and the PSNH meter socket. Applications without such a diagram may be returned.

For PSNH Use Only

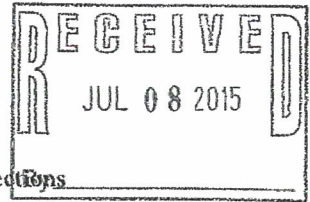
Approval to Install Facility:

Installation of the Facility is approved contingent upon the Terms and Conditions For Simplified Process Interconnections of this Agreement, and agreement to any system modifications, if required.

Are system modifications required? Yes ☐ No ☐ To be Determined ☐

Company Signature: Richard A. Poirer Title: _____ Date: _____

Eversource
Interconnection Standards For Inverters Sized Up To 100 kVA
Exhibit B - Certificate of Completion for Simplified Process Interconnections



Installation Information:

☐ Check if owner-installed

Customer or Company Name (print): Family First of Brentwood NH

Contact Person, if Company: Anne Holliday

Mailing Address: P.O. Box 717

City: Brentwood State: NH Zip Code: 03848

Telephone (Daytime): 603-431-3322

(Evening):

Facsimile Number: 603-430-9621 E-Mail Address: anne@annehollidaycpa.com

Facility Information: →

Eversource Meter #

Address of Facility (if different from above): 407 Rte 125

City: Brentwood State: NH Zip Code: 03833

Electrical Contractor Contact Information:

Electrical Contractor's Name (if appropriate): Ayer Electric

Mailing Address: P.O. Box 874

City: Durham State: NH Zip Code: 03824

Telephone (Daytime): 603-868-6446

(Evening):

Facsimile Number: E-Mail Address: ayerelectricllc@metrocast.net

License number: 9340m

Date of approval to install Facility granted by the Company: 1/15/15

Eversource Application ID number: #N 3269

Inspection:

The system has been installed and inspected in compliance with the local Building/Electrical Code of:

City: Brentwood County: Rockingham

Signed (Local Electrical Wiring Inspector, or attach signed electrical inspection):

Signature: [Signature] Building Inspector 6/9/15

Name (printed): Kip Kaiser Date: 7/1/2015

Customer Certification:

I hereby certify that, to the best of my knowledge, all information contained in this Exhibit B - Certification of Completion is true and correct. This system has been installed and shall be operated in compliance with applicable standards. Also, the initial start-up test required by Puc. 905.04 has been successfully completed.

Please remember to provide digital photos of the installation, including the AC disconnect switch (if required), the existing Eversource meter, the inverters, and the point of electrical interconnection.

Customer Signature: [Signature]

As a condition of interconnection you are required to send/fax a copy of this form to:

Eversource
Distributed Generation
780 North Commercial Street
P. O. Box 330, Manchester, NH 03105-0330
Fax No.: (603) 634-2924